Instruction Manual for
Heavy Duty Centrifugal Clutch Kit (32-weight type)

Item No.：**０２－０１－００１６**
Compatible models and the frame Nos:
Monkey (6V) : Z50J-1000001～1510400

・Thank you for purchasing one of our TAKEGAWA's products. Please strictly follow the following instructions to install and use the kit.
・Before installing the kit, please be sure to check the kit contents. If you have any questions about the kit, please contact your local TAKEGAWA dealer.

◎ **Please note: Illustrations and photos may vary from actual hardware.**

Features

The clutch structure is converted from roller type into weight type. Also, the upgraded clutch spring and the increased clutch weight make the clutch durable. The clutch slipping caused by stock centrifugal clutch will be solved and the full engine output power will be provided. Especially, this product will be the best for S-Stage.

Please read the following instructions before installation

○ We do not take any responsibility for any accident or damage whatsoever arising from the use of the products not in conformity with the instructions in the manual.
○ This kit is designed for exclusive use in the above-mentioned applicable types of motorcycles and frame numbers only. Please take note that this kit cannot be mounted on other types of motorcycles.
○ Installation of this product requires engine removal and mounting. Please prepare and refer to a HONDA genuine parts service manual in order to perform installation work properly. Installation of this product requires engine removal and mounting. Please prepare and refer to HONDA genuine parts service manual in order to perform installation work properly. This instruction manual, as well as HONDA genuine parts service manual, is prepared with those persons in mind who have basic skills and knowledge in tuning. Therefore, we recommend those who are technically inexperienced or do not have enough tools to ask a technically-reliable specialist shop for the work.
○ We shall be held free from any kind of warranty whatsoever of products other than this product if the glitch takes place on the other products than this one after the installation and use of this product.
○ You are kindly requested not to contact us about the combination of our products with other manufacturers'.
○ Some of bolts, nuts, dowel pins and seals will be reused. However, be sure to replace worn-down or severely-damaged ones with new ones.
○ Engine oil needs to conform to API SF or better in the particular viscosity class such as SAE 10W-40 or 15W-50 .
○ The special tools are required to install this product, such as lock nut wrench, rotor puller and snap ring plier.
Our item Nos Lock nut wrench: 00-01-021 or -022 Rotor puller: 00-01-1001
○ Do not use this Kit with an engine of 88 cc or larger.
○ Do not use this Kit on a motorcycle equipped with R-Stage or Super Head.
○ Please always drove at below the allowable maximum speed of 10,000 rpm. Otherwise, the clutch outer could be damaged.
○ As the primary reduction gear ratio is changed, you need to adjust the sprocket. 18 / 67 (3.722)→17 / 69 (4.058)
Simply change to the less tooth (minus about 3T) in rear sprocket.

⚠ CAUTION The following show the envisioned possibility of injuries to human bodies or property damage as a result of disregarding the following cautions.

・Always try to drive your motorcycle at a legal speed, abiding by the laws.
・Work only when the engine and the exhaust system are cool to avoid burns.
・Prepare appropriate tools and work properly to avoid the breakage of parts or injuries.
・Always use a torque wrench to tighten bolts and nuts securely to the specified torque to avoid these parts getting damaged or loose.
・As some products and frames have sharp edges or protruding portions, work with your hands protected to avoid injuries.
・Before riding, always check such parts as screws for loose. If you find loose ones, screw them securely up to the specified torque to avoid parts coming off.
・Always use new gaskets and seals. About the reused parts, please check carefully for wear or damage and be sure to replace them with new ones if necessary.

⚠ WARNING The following show the envisioned possibility of human death or serious injuries to human bodies as a result of disregarding the following cautions.

・Always drive the engine in a well-ventilated place, and do not switch the engine on in an airtight place.
(Otherwise, you will suffer from carbon monoxide poisoning.)
・When you notice something abnormal with your motorcycle, stop riding immediately and park your motorcycle in a safe place to avoid an accident.
・Before working, place the motorcycle on level ground to stabilize its position for safety to avoid the motorcycle overturning.
・Check or perform maintenance of parts correctly according to the procedures in the instruction manual or a service manual.
(Improper checking or maintenance could lead to an accident.)
・If you find damaged parts when inspecting or performing maintenance of your motorcycle, do not use these parts, and replace them with new ones.
(The continued use of these damaged parts could lead to accidents.)

◎ Please be informed that, mainly because of improvement in performance, design changes, and cost increase, the product specifications and prices are subject to change without prior notice.
◎ This manual should be retained for future reference.

Oct./25/ 10

～Kit Contents～

No.	Part Name	Qty	Repair Part Item No.	in packs of
1	Clutch assembly	1	———	
2	Clutch outer cover	1	———	
3	Clutch outer cover gasket	1	00-02-0124	1
4	Lock washer, 14 mm	1	00-02-0123	1
5	Flat screw 5 x 10	4	00-00-2778	4
6	Primary drive gear (17T)	1	———	
7	Clutch center guide	1	———	
8	Primary driven gear (69T)	1	———	
9	External circlip, 17 mm	1	00-02-0005	5
10	Right-side crankcase cover gasket	1	00-01-0095	1

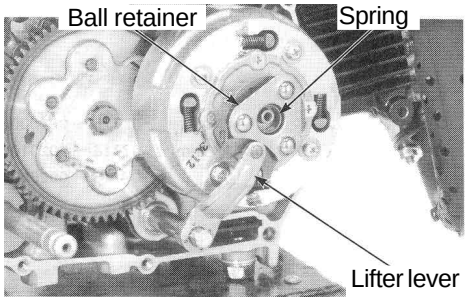
※ Please order repair parts with the Repair Part Item No. Without the repair part item No., we may not be able to provide the correct parts. Some parts are only available as a set. Please order them with the set number.

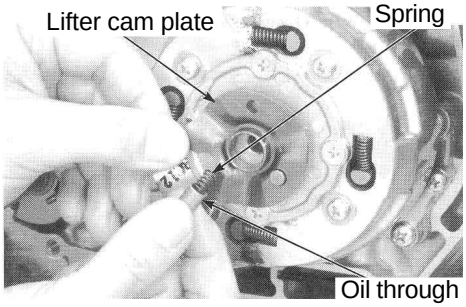
～Installation Procedures～

◇ Please check the contents of the kit.
※ Support the body firmly with a maintenance stand or the like for your safe installation work.
※ Work only when the engine and the exhaust system are cool.
※ The following show only the basic installation work. Please do work referring to Honda's genuine parts service manual as the work may differ depending on the types of motorcycles.

●Removal

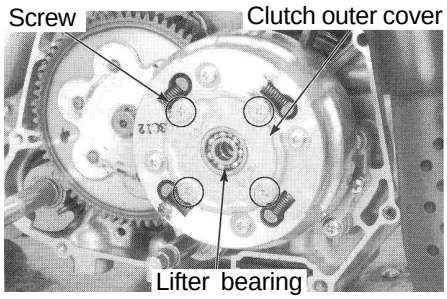
◇Drain the engine oil to detach the following parts: a kick starter, and a rear crankcase cover.
※Dowel pins and bolts will be reused as long as there is no problem with them. Clear them of dirt and dust and keep them for reuse.
◇ Remove the following parts: a clutch lifter lever, ball retainer, lifter spring, lifter cam plate, oil through, and oil through spring.
※ Reuse these parts if nothing is wrong with them.



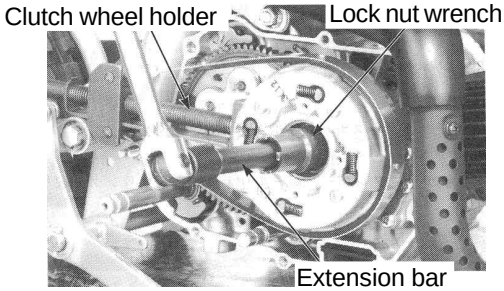


●Removal of a clutch assembly

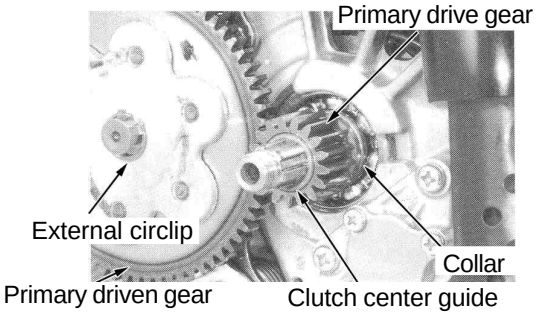
◇Remove a lifter bearing.
Unfasten four screws and detach a clutch outer cover.



◇Turn up hooks on the 14mm lock washer.
Holding the clutch outer, detach a lock nut with a lock nut wrench.

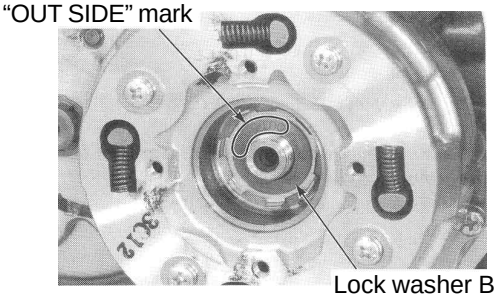


◇Detach a lock washer B and 14mm lock washer, and a clutch assembly from the crank shaft.
◇From the crank shaft, remove a primary drive gear, clutch center guide and collar to check if nothing is wrong with them.
◇Remove the external circlip from the mainshaft, then remove the primary driven gear.

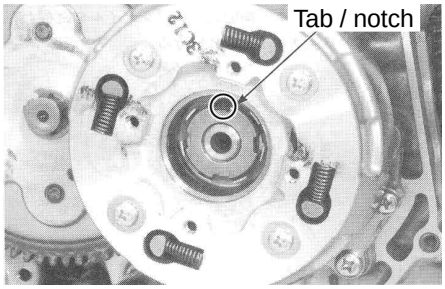


● Installation of clutch assembly

◇Install the supplied primary driven gear on mainshaft, and then install the external circlip.
◇Reinstall the collar, clutch center guide, and primary drive gear back into the crank shaft.
◇Install the clutch assembly included in the Kit onto the crank shaft, and mesh the clutch center grooves with the teeth of the primary drive gear.
◇Attach a 14mm lock washer of the kit, fitting the hook into the grooves on the drive plate.
Attach a lock washer B with the “OUT SIDE” mark turned up.



◇Attach a lock nut.
Specified torque: 42 N • m (4.3 kgf • m)
◇In case a notch on the lock nut is not fit into a hook on the lock washer, press down the lock washer to fit it into the notch. Bend the hook on the lock washer, and fit the hook correctly into the notch on the lock nut.



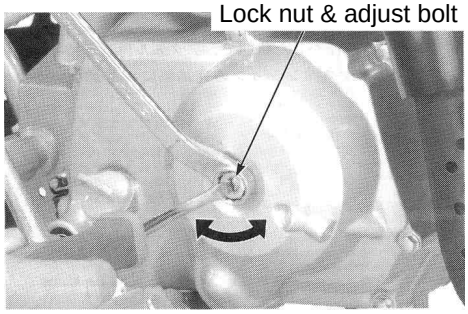
◇Fix a lifter bearing and gaskets to the supplied clutch outer cover, which please fix onto the clutch outer with four screws.
Specified torque : 4.4 N • m (0.45 kgf • m)

● Installation:

◇Install the following parts:
Lifter cam plate, oil through spring, oil through, ball retainer, lifter spring and clutch lifter lever
◇Install dowel pins and the supplied gaskets onto the crankcase.
Install a right side crankcase cover and tighten every bolt.
Specified torque : 8.8 N • m (0.9 kgf • m)
◇Install a kick starter and tighten the bolt.
◇Referring to a Honda’s genuine service manual, inject the engine oil in the specified amount.

● Adjustment:

◇Loosen the lock nut, and give an adjust bolt about one clockwise turn, and then turn it counterclockwise until you find it a little hard to turn it.
◇At the point you felt some resistance in turning the adjust bolt counter clockwise, give it a 1/8 turn clockwise. And holding the adjust bolt, tighten the lock nut.
◇Start the engine, and check that there is no unusual noise from the engine or oil leak in every gasket.
◇Check the conditions of disengagement, slippage and shift operation of the clutch.



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